

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/10/6

DEVELOP COMPUTER PROGRAM

NOV/DEC 2023



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL
(TVET CDACC)**

PRACTICAL ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE

1. In this assessment you will be required to perform the following task
TASK 1: Write a C program that calculates the average of a set of numbers entered by the user.
2. You are given **10 minutes** to read through the tasks and confirm the availability of the resources
3. The assessor will record your performance at critical points using audio-visual means
4. The task carry **100** marks

TASK 1

- a) You are required to perform the following tasks
 - i. Develop C a program structure.
 - ii. Develop user Input
 - iii. Array declaration
 - iv. Develop the input loop
 - v. Write a code for Calculation
 - vi. Display the Output
 - vii. Test the developed program
 - viii. Carry out error handling
 - ix. Perform documentation
 - x. Perform final touches
 - xi. Print the output
- b) You have been provided with the following resources
 - i. Computer
 - ii. A C compiler
 - iii. A code editor.
 - iv. Terminal or command prompt
 - v. Printer